

Abstract of the Disclosure

POLISHING SLURRY FOR AND METHOD OF TEXTURING

5           Polishing slurry for texturing the surface of a magnetic hard disk substrate has  
abrading particles with diameters in the range of 1-10nm dispersed in a dispersant such as  
water and a water-based aqueous solution. The abrading particles may be  
monocrystalline diamond particles, polycrystalline diamond particles or cluster particles  
with monocrystalline and polycrystalline diamond particles. A method of texturing a  
10 surface of a magnetic hard disk substrate includes the steps of rotating the magnetic hard  
disk substrate, supplying polishing slurry of this invention on the surface of the substrate,  
and pressing a polishing tape on the substrate surface and running the polishing tape.